

WHAT IS CLAIMED IS:

1. A low-profile stepping motor comprising

a first stator unit including: a first upper stator yoke having a plurality of pole teeth which are formed
5 along its semicircular inner circumference; a first lower stator yoke having a plurality of pole teeth which are formed along its semicircular inner circumference and which mesh with the pole teeth of the first upper stator yoke; and a first coil unit fixedly sandwiched between the first
10 upper and lower stator yokes,

a second stator unit including: a second upper stator yoke formed as one piece integrally with the first upper stator yoke, and having a plurality of pole teeth which are formed along its semicircular inner circumference; a second
15 lower stator yoke formed as one piece integrally with the first lower stator yoke, and having a plurality of pole teeth which are formed along its semicircular inner circumference and which mesh with the pole teeth of the second upper stator yoke; and a second coil unit fixedly
20 sandwiched between the second upper and lower stator yokes and arranged horizontally flush with the first coil unit,

a rotor assembly rotatably disposed in a circular open space defined by the pole teeth of the first and second stator units; and

25 a spacer block disposed between the first and second upper stator yokes and the first and second lower stator yokes, and adapted to surround the first coil unit, the

second coil unit, and the pole teeth.

2. A low-profile stepping motor according to Claim 1, wherein the spacer block is of a single piece structure.

3. A low-profile stepping motor according to Claim 1 or 2,
5 wherein the spacer block is formed of resin.

4. A low-profile stepping motor according to any one of Claims 1 to 3, wherein the spacer block has, on its side, a plurality of hooks for securely retaining lead wires leading out from the first and second coil units.

10 5. A low-profile stepping motor according to Claim 4, wherein the hooks are shaped like an L-letter in cross-section with their shorter bar sections joined to the side of the spacer block and are disposed in a line such that the shorter bar sections are positioned alternately at
15 opposite ends to one another.